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**Method and device for recording or reproducing on storage medium****Publication number:** CN1320926**Publication date:** 2001-11-07**Inventor:** KRAUSBERGER WOLFGANG (DE); OSTERMANN RALF (DE); PIPER MICHAEL (DE)**Applicant:** THOMSON BRANDT GMBH (DE)**Classification:**

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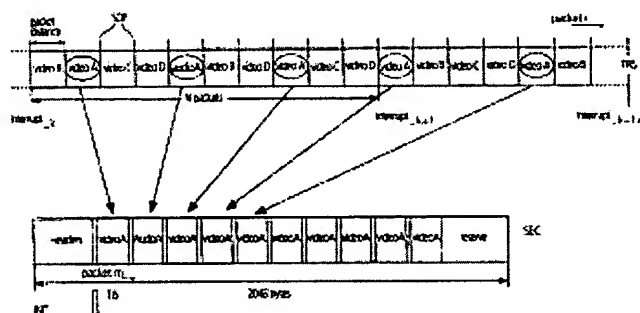
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MPEG2 data streams contain data packets for a set of programs and time stamps for data synchronisation purposes. An MPEG2 transport stream is assembled of fixed-length transport packets. The received transport packets of at least one specific program of this set of programs can be stored using for example a DVD Streamer recorder or DVD-RAM recorder. For the real-time playback of recorded specific program data packets each packet needs a separate time stamp. For that reason a timestamp is to be captured for each data packet at recording time. However, capturing of timestamps from a transport stream is a very time consuming action in software implementation processing. Therefore transport stream timestamps are captured for every Nth packet only and the missing timestamps are calculated. Thereby software-processing time is saved for generating the timestamps required for real-time bitstream recording.

**Fig.2**

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